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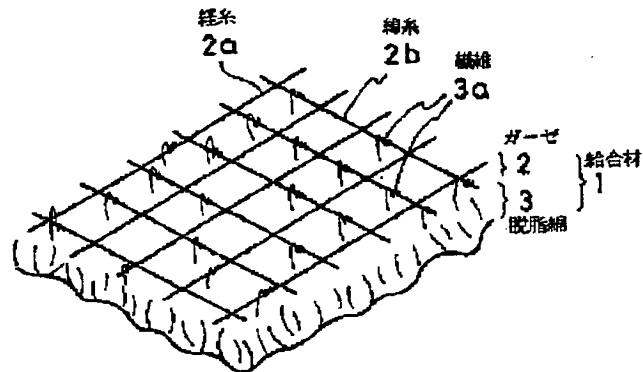
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TITLE : INTEGRATED BOND MATERIAL OF
GAUZE AND ABSORBENT COTTON
AND ITS PRODUCTION



ABSTRACT : PROBLEM TO BE SOLVED: To embody an integrated bond material suitable for use as an absorbent material, etc., for medical treatment by integrating gauze and absorbent cotton without impairing the characteristics of both.

SOLUTION: The integrated bond material 1 of the gauze and the absorbent cotton consists of the laminated structure of the gauze 2 and the absorbent cotton 3 and has the structure obtd. by integrating the fibers 3a constituting the absorbent cotton 3 with the fibers (yarn) 2a, 2b constituting the gauze 2 in a mechanically entangled dense state. Such entanglement of the fibers is embodied by subjecting the gauze 2 and the absorbent cotton 3 in the laminated state to punching using needles, etc. The integrated bond material 1 has good water absorptivity and water retaining property and has the strength against peeling of the gauze from the absorbent cotton and tensile strength and the fibers at the cut surfaces are hardly loosened. The material is, therefore, suitable for use as the absorbent material for medical treatment to be applied on the lesion, etc.

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